

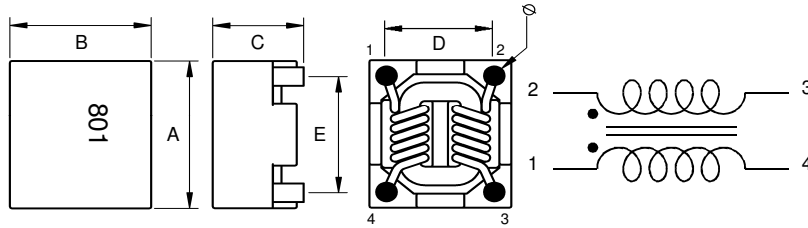
# Spezifikation für Freigabe / specification for release

Kunde / customer :  
 Artikelnummer / part number : **744273801**  
 Bezeichnung : **STROMKOMP. DROSSEL WE-SL5 HC**  
 description : **COMMON MODE CHOKE WE-SL5 HC**



DATUM / DATE : 2010-02-18

## A Mechanische Abmessungen / dimensions:

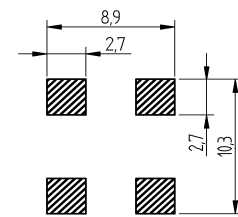


A	<b>9,5 max.</b>	mm
B	<b>8,3 max.</b>	mm
C	<b>5,3 max.</b>	mm
D	<b>6,3 ± 0,1</b>	mm
E	<b>7,5 ± 0,1</b>	mm
ø	<b>1,2 typ.</b>	mm

## B Elektrische Eigenschaften / electrical properties:

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Gleichtaktimpedanz / Common mode impedance	@ 100 MHz	Z	<b>800,00</b>	Ω	<b>±25%</b>
Leerlauf-Induktivität / inductance	100 kHz / 0,1 mA / 20 °C	L <sub>0</sub>	<b>9,00</b>	μH	<b>typ.</b>
DC-Widerstand / DC-resistance	@ 20 °C	R <sub>DC</sub>	<b>11,0</b>	mΩ	<b>±10%</b>
Nennstrom / rated current	ΔT = 40 K	I <sub>N</sub>	<b>3,5</b>	A	<b>max.</b>
Nennspannung / rated voltage	DC/AC	U <sub>N</sub>	<b>80/42</b>	V	<b>max.</b>

## C Lötpad/Land pattern:



## D Prüfgeräte / test equipment:

**WAYNE KERR WK3260B/WK3265** für/for L<sub>0</sub> und/and R<sub>DC</sub>  
**HP 34401 A** für/for I<sub>N</sub>

## E Testbedingungen / test conditions:

Luftfeuchtigkeit / humidity: 33%  
 Umgebungstemperatur / temperature: 20 °C  
 Prüfspannung / isolation voltage: 500V, 50Hz

## F Werkstoffe & Zulassungen / material & approvals:

Gehäuse / case: UL94V-0  
 Draht / wire: P155 IEC317-20  
 Kern / core: NiZn-Ferrit / NiZn ferrite

## G Eigenschaften / general specifications:

Klimabeständigkeit/ climatic class: 40/125/21  
 Betriebstemp. / operating temperature: - 40 °C - + 125 °C

It is recommended that the temperature of the part does not exceed 125 °C under worst case operating conditions.

Freigabe erteilt / general release:	Kunde / customer		
.....	.....		
Datum / date	Unterschrift / signature		
.....	Würth Elektronik		
.....	SBa	Version 3	10-02-18
.....	BKo	Version 2	09-03-05
.....	BKo	Version 1	09-01-30
Geprüft / checked	Name	Änderung / modification	Datum / date
.....	.....	.....	.....

This electronic component has been designed and developed for usage in general electronic equipment. Before incorporating this component into any equipment where higher safety and reliability is especially required or if there is the possibility of direct damage or injury to human body, for example in the range of aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc, Würth Elektronik eiSos GmbH must be informed before the design-in stage. In addition, sufficient reliability evaluation checks for safety must be performed on every electronic component which is used in electrical circuits that require high safety and reliability functions or performance.

### Würth Elektronik eiSos GmbH & Co. KG

D-74638 Waldenburg · Max-Eyth-Strasse 1 - 3 · Germany · Telefon (+49) (0) 7942 - 945 - 0 · Telefax (+49) (0) 7942 - 945 - 400  
<http://www.we-online.com>

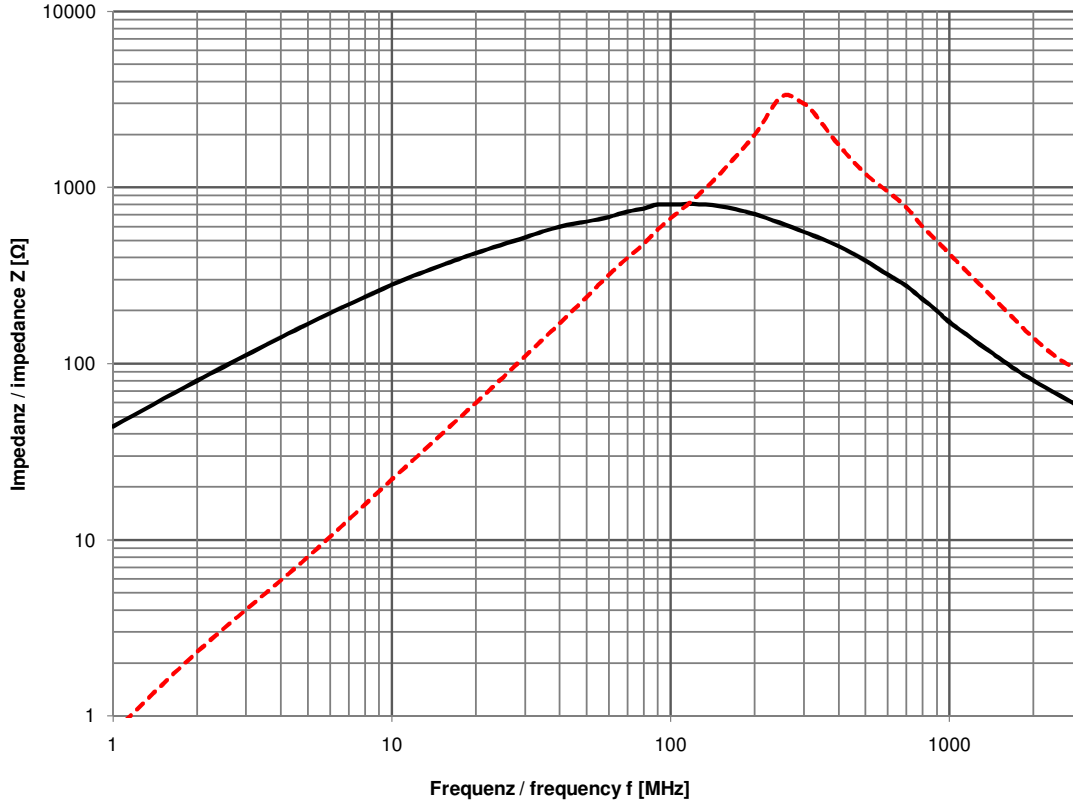
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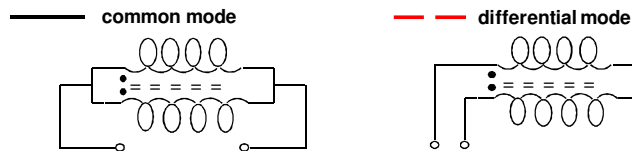
## H Impedanz / impedance:



IF BW 10kHz  
 START 1 MHz

Power 0 dBm

SWP 134,5 msec  
 STOP 3,0 GHz



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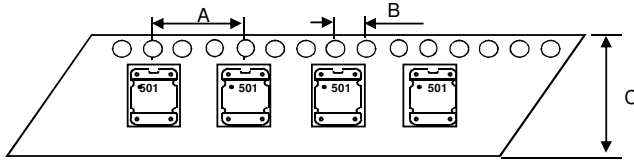
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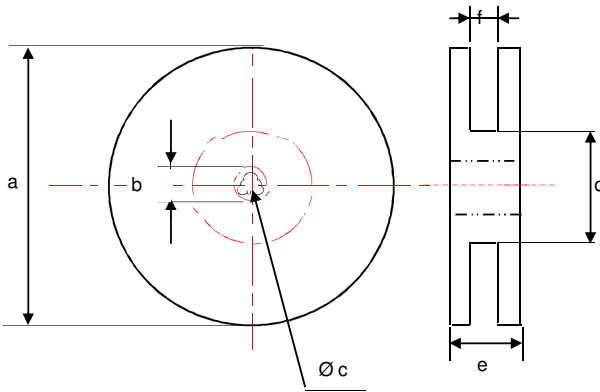
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## I Rollenspezifikation / tape and reel specification:



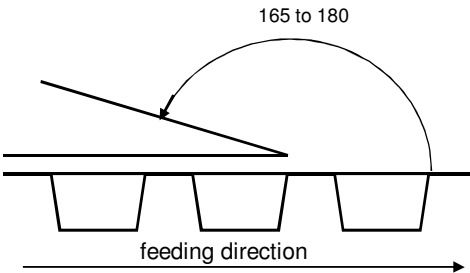
Gurtspezifikation / Tape specification:

A	<b>12</b>	mm
B	<b>4</b>	mm
C	<b>24</b>	mm



Rollenspezifikation / Reel specification:

a	<b>330 ± 2,0</b>	mm
b	<b>21 ± 0,8</b>	mm
c	<b>13 ± 0,5</b>	mm
d	<b>50 ± 1,0</b>	mm
e	<b>20,5</b>	mm
f	<b>17</b>	mm



The force for tearing off cover tape is 10 to 130 grams in arrow direction

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